Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/811,659              | CLOSE, JAMES GARTH                      |
| Examiner                | Art Unit                                |
| Sarah Purol             | 3634                                    |

| , | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

| <u> </u> | aim.         | Date   |          |             |          |           | Г        | Claim Date     |          |                 |             |          |          |                |              |          |          | ٢        | Cli      | aim      | Date                |            |              |       |          |              |             |         |           |          |          |          |          |          |
|----------|--------------|--|----------|-------------|----------|-----------|----------|----------------|----------|-----------------|-------------|----------|----------|----------------|--------------|----------|----------|----------|----------|----------|---------------------|------------|--------------|-------|----------|--------------|-------------|---------|-----------|----------|----------|----------|----------|----------|
| Cla      |              | +=   |          | 1.4         |          |           |          |                |          | ᆔ               | $\vdash$    |          |          |                |              |          |          |          |          | $\dashv$ | ŀ                   | - 51       |              | -     | Т        | T            | ਜੱ          |         |           | 7        |          | $\vdash$ |          |          |
|          | 面            | 37707  | ┝        | 2/2/5       |          |           |          |                |          |                 | - [ .       | _        | Ē.       | 377            | 1            | 13       | r '      |          | 1        |          |                     | - 1        |              | =     | Original |              |             | 1       |           |          |          |          |          |          |
| Final    | ·E           | 27   | L        | 134         |          |           |          |                |          | .               | - I.        | Final    | .g.      | אנק            | ┨            | 3        |          |          | 1        |          | H                   | - 1        | 1            | Final | igir     |              | 1 1         |         | - 1       | 1        |          |          |          |          |
| 证        | Original     |  |          | اتما        |          |           |          |                |          |                 | _ [ i       | -        | Original | 07             | 1            | 07       |          |          |          |          |                     |            |              | ш     | ō        |              | 1 1         |         |           |          |          |          | ŀ        |          |
|          |              | <u> P/</u>                                       | Ш        |             |          |           |          |                |          |                 | L           | _        |          | <u>'</u>       | ╙            |          |          | L        |          |          | $\sqcup$            | _          | .            |       |          | _            | $\vdash$    | 4       | -         | _        | -        | _        | 4        | Н        |
|          | 1            |  |          | 1           |          |           |          |                |          |                 | L           |          | 51       | V              | <u> </u>     | ν        | _        |          |          |          | $\sqcup$            | _          | Ļ            |       | 101      | _            | ш           | 4       | _         |          |          | _        | _        |          |
|          | Z            |  |          |             |          |           |          |                |          |                 |             |          | 52       | 0              |              | 0        |          | L        |          |          | $\Box$              |            | L            |       | 102      | $oxed{oxed}$ | $\sqcup$    | 4       | _         |          | _        | _        | _        |          |
|          | B            |  |          | П           |          |           |          |                |          |                 | · [         |          | 53       | V.             |              | ٧        |          |          |          |          |                     |            | L            |       | 103      |              |             |         |           |          |          |          |          |          |
|          | K            | П  |          | П           |          |           |          |                |          |                 |             |          | 54       | <b>V</b>       |              | 7        |          |          |          |          |                     |            |              |       | 104      |              |             |         | $\perp$ l |          |          |          |          | Ш        |
|          | 8            | T  | Г        | П           |          |           |          |                |          |                 |             |          | 55       | V              | Г            | ~        |          |          |          | ٠        |                     |            | Γ            |       | 105      |              |             | Ι       |           |          |          |          |          |          |
|          | 8            | T  |          | $\Box$      | $\neg$   |           |          |                |          |                 | · -         |          | 56       | V              |              | V        |          | _        |          |          | П                   |            | Г            |       | 106      |              |             | Т       | П         |          |          | П        |          |          |
| $\vdash$ | 7            | _  | ı        | H           |          |           |          |                |          |                 | _   <u></u> |          | 57       | 7              | T            | 1        |          |          |          |          | П                   |            | ा            |       | 107      | $\Box$       |             | T       |           |          |          |          |          |          |
| -        | .8           | <del>                                     </del> |          | $\vdash$    | _        | $\vdash$  | _        | -              |          | П               | .  -        | Ť        | 58       | ~              | T            | v        | _        | _        |          |          | П                   | 7          | Ī            |       | 108      |              | $\Box$      | ┪       | $\neg$    |          |          |          |          | П        |
|          | ê            | ╁  | -        | H           |          | Н         | -        | -              |          | Н               | ⊢           |          | 59       | V              | ┢            | V        | _        | $\vdash$ | _        |          | -                   | _          | ı            |       | 109      | _            |             | ╅       | ┪         |          | $\neg$   |          |          |          |
|          | 10           | -  | -        | ╂━╾╂        | -        | $\vdash$  |          | Н              | _        | Н               | ∴⊢          | _        | 60       | V              | ┢            | v        | $\vdash$ | $\vdash$ | -        | _        | -                   | _          | ㅏ            |       | 110      | $\vdash$     | -           | 十       | _         | _        |          | ┪        | $\neg$   |          |
|          | <del>1</del> | ⊢  | ⊢        | H           | -        | $\vdash$  | _        | Н              | -        | Н               | ⊢           |          | 61       | _              | ╁            | _        |          | ┢        |          | -        |                     | -          | ŀ            |       | 111      | _            |             | ┿       | -         | _        | _        | -        | -        |          |
| -        |              | -  | ⊢        | H           |          | Н         | _        | $\vdash\vdash$ | $\vdash$ | $\dashv$        | -           |          |          | 1              | $\vdash$     | V        | $\vdash$ | H        |          | -        | $\vdash$            | $\dashv$   | ŀ            |       | 112      | $\vdash$     | +           | +       | $\dashv$  | -        | $\vdash$ | -        |          | -        |
|          | 12           | ├-   |          | ⊢⊢          | _        |           |          | Н              | _        | Н               | ⊢           | -        | 62       | 1              | ├            | 1×       | <u> </u> |          |          |          | ${oldsymbol{dash}}$ | $\dashv$   | ŀ            |       | 113      | $\vdash$     | ┝╌┼╴        | +       | -         |          |          | -        | $\dashv$ | $\dashv$ |
|          | 18           | ₩  | <u> </u> | ⊢           | _        | ${oxdot}$ |          | <u> </u>       | $\vdash$ | Ш               | ⊢           | _        | 63       | Υ,             | -            | V        | -        | $\vdash$ | -        |          | $\vdash$            | <b>⊢</b> : | 1            |       |          | -            | $\vdash$    | +       | -         |          | $\dashv$ | -        |          | Н        |
| <u></u>  | 34           | <del> </del>                                     | $\vdash$ | Ш           |          | $\sqcup$  |          | Щ              |          | Ш               | .  -        | $\dashv$ | 64       | <u></u>        | ┞-           | ~        | _        | <b> </b> |          |          | $\vdash$            | -I         | ٠,           |       | 114      | $\vdash$     | ⊢-          | +       |           | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ |
| $\perp$  | 15           | <u> </u>   | $\vdash$ | Ц           |          |           |          | Щ              | Ш        | Ш               | L           |          | 65       | 2              | <del> </del> | ء        | <u> </u> |          | Ш        |          | $\sqcup$            | $\dashv$   | -            |       | 115      | $\vdash$     | $\vdash$    | +       | 4         |          | _        | -        | _        | Щ        |
|          | 16           | ↓_   |          | Ш           |          | Щ         | _        |                | _        | Ш               | <u> </u>    |          | 66       | V              | <del> </del> | V        |          | Ш        | Ш        |          |                     | Щ.         | -            |       | 116      | <u> </u>     | $\vdash$    | +       | -         | _        | _        | -        |          | $\vdash$ |
| $\bot$   | 27           | _  |          | Ш           |          |           |          |                |          | Ш               | ⊢           |          | 67       | <u></u>        | ┖            | V        | L        |          |          |          |                     | _          | L            |       | 117      | _            | $\vdash$    | 4       | 4         |          |          |          | _        | Ш        |
|          | 26           |  |          |             |          |           |          |                |          |                 | · L         |          | 68       | <u>v</u>       |              | V        |          |          |          |          | Ш                   | _          | Ĺ            |       | 118      | <u> </u>     | Ш           | 4       | _         | _        |          | _        |          |          |
|          | 19           |  |          |             |          |           |          |                |          |                 | L           |          | 69       | L              |              | L        |          |          |          |          |                     |            | L            |       | 119      | 匚            | Ш           | $\perp$ |           |          |          | _        | _        | Ш        |
|          | 20           | Т  |          | П           |          |           |          |                |          | П               |             |          | 70       | Γ              |              |          |          |          |          |          |                     |            |              |       | 120      |              |             |         |           |          |          |          |          |          |
| 1        | 21           | Τ  |          | П           |          |           |          |                |          |                 |             |          | 71       | 1              | Г            | П        |          |          |          |          |                     |            | Г            |       | 121      |              |             | Т       |           |          |          |          |          |          |
|          | 22           |  | Г        | П           |          |           |          |                |          |                 |             |          | 72       | П              | П            |          |          |          |          |          | $\Box$              |            | Γ            |       | 122      |              |             | Ι       | П         |          |          |          |          |          |
|          | 28           | 1  |          |             |          | П         |          |                |          | П               |             |          | 73       | Г              |              |          |          |          |          |          | П                   | $\neg$     | Г            |       | 123      |              | П           | Т       | П         |          |          |          |          |          |
|          | 24           | $\vdash$   |          | П           |          |           |          |                | _        | П               | -           |          | 74       |                | $\vdash$     |          |          |          |          |          | П                   | $\neg$     | ſ            |       | 124      |              |             | ╗       | $\neg$    |          |          | П        |          |          |
| _        | 25           | <del>                                     </del> |          | $\vdash$    |          | Н         |          | -              |          | Н               | -           | $\neg$   | 75       | ┪              |              | ┢        |          | _        |          |          | $\Box$              | _          | r            |       | 125      |              |             | 7       | ┪         |          |          | T        | $\neg$   |          |
| -        | 28           | ╁  | Н        | ┰           | -        | Н         |          | Н              | _        | Н               | ⊢           | $\dashv$ | 76       | $\vdash$       | ┢            | $\vdash$ | $\vdash$ |          | Н        | $\vdash$ | -                   | ⊣.         | ŀ            |       | 126      | _            |             | +       | ┪         | _        | _        | ヿ        | $\neg$   |          |
| _        | 27           | -  | -        | ⊢           | -        | $\vdash$  | _        | Н              | _        | Н               | -           | -        | 77       | ⊢              | ╁┈           | $\vdash$ |          | -        | -        |          | $\dashv$            | _          | ŀ            |       | 127      | $\vdash$     |             | +       | -         | _        | _        | 寸        | $\neg$   | $\Box$   |
| -        | 28           | ⊢  | _        | ┈           | -        | -         |          | Н              |          | Н               | ⊢           | $\dashv$ | 78       | ⊢              | ⊢            | -        | _        | Η-       | $\dashv$ | $\vdash$ |                     | -1         | ŀ            |       | 128      |              | $\vdash$    | +       | ┪         | _        | $\dashv$ |          | $\dashv$ | $\vdash$ |
| 1        |              | ┝  | _        | ┝═┤         | _        | $\dashv$  |          | Н              | _        | $\vdash$        | ⊢           |          | 79       | ╁              | ⊢            |          |          | H        | $\dashv$ | -        | $\vdash$            |            | ŀ            |       | 129      | Н            | -           | +       | ┪         | _        | $\dashv$ | ┪        | -        |          |
| -        | 28           | $\vdash$   | $\vdash$ | ┡           | -        | $\vdash$  |          | Н              |          |                 | ⊢           | -        |          | ├              | ⊢            | H        |          | _        | -        | _        | $\vdash$            |            | ŀ            |       | 130      | $\vdash$     | -           | ╌       |           | -        | $\dashv$ | $\dashv$ | -        | Н        |
|          | 90           | _  | L        |             | _        | $\sqcup$  |          | Н              | _        | Ш               | ļ           | _        | 80       | ⊢              | <del> </del> |          |          |          | _        | _        | $\vdash$            |            | Ŀŀ           | _     |          | <u> </u>     | $\vdash$    | +       | -         | _        |          |          | 긕        | Н        |
| <u> </u> | 21           | _  |          | Ш           | _        | Ш         |          | ш              |          | Н               | ⊢           | _        | 81       | ┡              | <b>├</b>     | L        | _        |          | -        | _        | $\vdash$            |            | ŀ            |       | 131      | ⊢            |             | +       | -         | _        | $\dashv$ | _        | -        | $\vdash$ |
|          | 32           | _  |          | Ш           | _        |           |          |                |          | Щ               | _           | _        | 82       | ㄴ              | _            | _        |          |          | -        | _        | -                   | 4          | ŀ            |       | 132      | $\vdash$     | $\vdash$    | 4       | -         | _        |          | -        | _        | Н        |
|          | 38           |  | Ь.       | $\sqcup$    |          | Ш         |          | Щ              |          | Щ               | ⊢           | _        | 83       | ↓_             | <b>!</b>     | Ш        |          | Щ        |          | _        | Щ                   | _          | ŀ            |       | 133      | ļ            | $\vdash$    | 4       | 4         |          | $\dashv$ | _        |          | Щ        |
| L        | 34           | V  | L        | W           |          | Ш         |          | Ш              |          | Ш               | Ļ           |          | 84       | <b>L</b>       | <b>L</b>     | <u> </u> |          | Ш        | Щ        |          |                     | _          | L            |       | 134      | <u> </u>     | $\vdash$    | 4       | _         |          |          |          | _        | Щ        |
|          | 35           | V  | L        | M           |          | Ш         |          | Ш              |          |                 | L           |          | 85       | $\vdash$       | <u> </u>     | Щ        |          | Ш        |          |          | $\dashv$            | _          | L            |       | 135      |              | <del></del> | 4       | 4         | _        |          | _        |          | Щ        |
|          | 36           | V  |          | W           |          | Ш         |          |                |          | $\sqcup$        | L           |          | 86       | <u> </u>       | L            | Ш        |          |          |          |          |                     | _          | L            |       | 136      | Щ            | $\vdash$    | 4       | _         | _        | _        | _        |          |          |
|          | 37           | 7  |          | W           |          |           |          |                |          |                 | L           | _]       | 87       | <u> </u>       | _            |          |          |          |          |          | Ц                   | _          | L            |       | 137      |              | $\vdash$    | 1       | ┙         |          | _        | _        |          | Ш        |
|          | 38           | V  |          | W           |          |           |          |                |          |                 |             |          | 88       |                |              |          |          |          |          |          |                     |            |              | ]     | 138      |              |             | $\perp$ |           |          | l        |          |          | Ш        |
|          | 39           | V  |          | =           |          |           |          |                |          |                 | Г           |          | 89       | $\Box$         |              |          |          |          |          | ]        |                     | _]         | Γ            |       | 139      |              |             | $\perp$ |           |          | ╝        | [        |          |          |
| $\vdash$ | 40           | 1  |          | W           | _        | $\neg$    |          |                |          |                 |             | コ        | 90       |                |              |          |          |          | $\neg$   | $\neg$   |                     |            | Ţ            |       | 140      |              |             | T       | J         |          |          |          |          |          |
|          | 41           | į  | П        | 7           |          | $\dashv$  |          | П              |          |                 |             | $\neg$   | 91       | T              |              | П        |          | П        |          | ╗        |                     |            |              |       | 141      |              |             | T       | 7         |          | $\neg$   |          | $\Box$   |          |
|          |              | 3  |          | =           | $\neg$   | $\dashv$  |          | Н              | _        | $\dashv$        | $\vdash$    | _        | 92       | $\vdash$       | Г            | П        |          | П        |          | $\neg$   | $\neg$              | $\neg$     | ٢            |       | 142      |              | $\neg$      | 1       | ╗         |          |          |          |          | $\neg$   |
|          |              | =  | -        | =           | ᅥ        | -         | =        | Н              | $\neg$   | $\dashv$        |             | $\dashv$ | 93       | 1              | П            | Н        |          | Н        | $\dashv$ | ᅦ        | 1                   | $\neg$     | ۲            |       | 143      |              |             | †       | 7         | $\neg$   | 一        | 1        | $\neg$   |          |
| -        |              | 11/1   | Н        |             | -        | -+        | $\dashv$ | Н              | $\dashv$ | $\vdash \dashv$ | $\vdash$    | +        | 94       | $\vdash$       | <u> </u>     | H        |          | $\vdash$ | $\dashv$ | -        | $\dashv$            | $\dashv$   | ۲            | -     | 144      |              | -           | +       | ┪         | -        | $\dashv$ | 寸        | ┪        | $\dashv$ |
| <b>—</b> | 45           | <del>[ /</del>                                   | Н        | V           | $\dashv$ |           |          | $\vdash$       | -        | $\dashv$        | $\vdash$    | $\dashv$ | 95       | <del>  -</del> | $\vdash$     | Н        | -        | $\dashv$ | -+       | $\dashv$ | +                   | $\dashv$   | : <b> </b> - |       | 145      | Н            | $\vdash$    | +       | 7         | ᅥ        | ┪        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$ | 45           | <del> X</del>                                    | Н        | 0           | $\dashv$ | $\dashv$  | -        | $\vdash$       | $\dashv$ | ᅱ               | -           | -        | 96       | $\vdash$       | -            | Н        | -        | $\dashv$ | $\dashv$ |          | -+                  | $\dashv$   | ŀ            |       | 146      |              | •           | +       | 7         |          |          |          |          | $\dashv$ |
| <b>—</b> | 46           |  | Н        |             |          | $\dashv$  |          | $\vdash$       |          |                 | ⊢           | -        | 97       | ⊢              | -            | Н        | -        |          | $\dashv$ | -1       | $\dashv$            |            | ┝            |       | 147      | -            | $\vdash$    | +       | +         | -        | $\dashv$ | ╛        | -        | ᅱ        |
| $\vdash$ |              | 2  | $\vdash$ | 9           |          |           |          |                |          | $\dashv$        | -           | -        | 98       | $\vdash$       | -            | $\vdash$ |          | $\dashv$ | -1       | -        | -                   | $\dashv$   | ╌            | 1     | 148      |              | +           | +       | +         | -        | +        | -        | $\dashv$ | $\dashv$ |
| $\vdash$ |              | Q  | Н        | 0           | 4        |           |          | $\dashv$       | ႕        | $\dashv$        | -           |          |          | -              | Н            | -        |          | $\dashv$ |          | -        | $\dashv$            | $\dashv$   | ŀ            |       | 149      | -            | +           | +       | ┿         | -        | -        | $\dashv$ | -        | ᅴ        |
| <b></b>  | 49           |  | Ш        | <del></del> | 4        |           | _        | $\dashv$       | $\dashv$ | $\dashv$        |             | -        | 99       | -              | Н            | -        |          |          |          | +        | -+                  | $\dashv$   | H            |       | 150      |              |             | +       | +         | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ |
| لـــا    | 50           | $\mathbf{Y}$                                     |          | V           |          |           |          |                |          | J               | L           |          | 100      | L              | لــا         |          |          |          |          |          | i_                  |            | L,           |       | 120      |              |             | ┸       |           |          |          | _i       |          |          |